

**1 Identification of the preparation and the supplying Company**

- 1.1** PX Ornikill  
**1.2** A concentrate biocide formulation for dilution with water for the control of disease organisms associated with pest birds.  
**1.3** Killgerm Chemicals Ltd, Wakefield Road, Ossett, West Yorkshire, WF5 9AJ.  
Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: [technical@Killgerm.com](mailto:technical@Killgerm.com)  
**1.4** Emergency telephones. National Poisons Information Service 0870 600 6266.  
Killgerm Chemicals Ltd, 01924 268452 (Office hours)

**2 Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]



Skin Irrit. 2 H315- Causes skin irritation  
Eye Irrit. 2 H319- Causes serious eye irritation

Classification according to Directive 67/548/EEC or 1999/45/EC  
Not classified

**2.2. Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning

Precautionary statements (CLP) :

P264 - Wash ... thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - IF ON SKIN: Wash with plenty of water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P332+P313 - If skin irritation occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse

**2.3. Other hazard****3 Composition and information on ingredients****3.2. Mixtures****Hazardous Components in Product**

Ingredient Name	Classification	Concentration w/w%	R Phrases	H Phrases
1,3-Propanediamine, N-(3-aminopropyl)-N-dodecyl  (CAS No) 2372-82-9 (EC index no) 219-145-8	Not classified	2.5 - 7.1		
didecyldimethylammonium chloride  CAS No) 7173-51-5 (EC no) 230-525-2 (EC index no) 612-131-00-6	Xn, C Acute Tox. 4 (Oral), Skin Corr. 1B,	1.5 - 4.1	R34 R22	H302, H314
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides  (CAS No) 63449-41-2 (EC no) 264-151-6 (EC index no) 612-140-00-5	Xn, C,N Acute Tox. 4 (Dermal), Acute Tox. 4 (Oral), Skin Corr. 1B, Aquatic Acute 1,	1 - 3.25	R50 R34 R21/22	H312, H302, H314, H400
CHLORHEXIDINE DIGLUCONATE CAS No) 18472-51-0 (EC index no) 242-354-0	Not classified	0.5 - 3		
ALCOHOL ETHOXYLATE WITH 9MEO CAS No) 68439-45-2	Xn, Xi Acute Tox. 4 (Oral), Eye Dam. 1,	> 1.68	R41, R22	H302 H318
sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate (CAS No) 14960-06-6 (EC no) 239-032-7	Xi  Eye Dam. 1,	0.325 - 1.05	R41	H318
D-Glucopyranose, oligomers, decyl octyl glycosides (CAS No) 68515-73-1 (EC no) 500-220-1 (REACH-no) 01-2119488530-36	Not classified	0.1 - 1		
sodium acrylate (CAS No) 7446-81-3 (EC no) 231-209-7	N  Aquatic Acute 1,	0.013 - 0.0875	R50	H400
SODIUM GLUCONATE CAS No) 527-07-1 (EC no) 208-407-7	Not classified			

See section 16 for full text of R-phrases, H phrases and hazard classification of ingredients.

#### 4 First Aid measures

##### 4.1. Description of first aid measures

Ingestion (swallowing): Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**4.2. Most important symptoms and effects, both acute and delayed:**

**4.3. Indication of any immediate medical attention and special treatment needed**

**5 Fire-fighting measures**

**5.1. Extinguishing media** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**5.2. Special hazards arising from the substance or mixture:**

**5.3. Advice for fire-fighters** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. Do not enter fire area without proper protective equipment, including respiratory protection.

**6 Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures:**

**6.2. Environmental precautions:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**6.4. Reference to other sections:**

**7 Handling and storage**

**7.1. Precautions for safe handling**

Avoid contact with skin and eyes. Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**8 Exposure controls and personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required

PPE	ITEM IN USE	SPILLAGE
Respirators	Half mask + Type AP filter to required	Half mask + Type AP filter to required

	protection factor.	protection factor.
Gloves	Unlined synthetic rubber	Unlined synthetic rubber.
Overall	Coverall to ISO 6530 e.g. EP Coverall	Coverall to ISO 6530 e.g. EP Coverall.
Goggles/ Faceshield	Face shield to BS2092 IC when handling concentrate.	Face shield to BS2092 IC.

## 9 Physical and chemical properties

### 9.1. General information

Appearance: Blue coloured liquid.

Odour: Characteristic eucalyptus type odour.

pH : 8 - 10

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : > 35 °C

Flash point : > 93 °C

Self ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Non flammable.

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : miscible

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

Combustibility: No data available

Evaporation rate: No data available

Partition coefficient: No data available

Auto-ignition temp: No data available

### 10 Stability and reactivity

**10.1. Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions:** No hazardous reactions when stored and handled according to prescribed instructions.

**10.4. Conditions to avoid:** Heat.

**10.5. Incompatible materials:** Strong acids. Strong Oxidizing Agents.

**10.6. Hazardous decomposition products:**

### 11 Toxicological information

#### 11.1 Information on toxicological effects

ALCOHOL ETHOXYLATE WITH 9MEO (68439-45-2)

LD50 oral rat > 200 - 2000 mg/kg

SODIUM GLUCONATE (527-07-1)

LD50 oral rat  $\geq$  2000 mg/kg

Skin corrosion/irritation : Causes skin irritation. pH: 8 – 10

Serious eye damage/irritation : Causes serious eye irritation. pH: 8 – 10

Respiratory or skin sensitisation : Not classified Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified Based on available data, the classification criteria are not met

Carcinogenicity : Not classified Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure): Not classified Based on available data, the classification criteria are not met

Aspiration hazard : Not classified Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

**11.2 Other data:** see section 2.3

## 12 Ecological information

**Persistence and degradability Biodegradable**

**12.1. Toxicity:**

**12.2. Persistence and degradability: Within Regulation (EC) No.648/2004 on detergents.** SODIUM GLUCONATE (527-07-1)

**12.3. Bioaccumulative potential: Bioaccumulative potential Not established**

**12.4. Mobility in soil: Ecology - soil Readily absorbed into soil.**

SODIUM GLUCONATE (527-07-1)

**12.5. Results of PBT and vPvB assessment: CHLORHEXIDINE DIGLUCONATE (18472-51-0) PBT: not relevant – no registration required**

**12.6. Other adverse effects:**

## 13 Disposal considerations

**13.1. Waste treatment methods**

Empty containers: Empty completely, wash out & dispose of as non-hazardous waste. EWC code:- 15 01 02

Unused/recovered materials: Dispose of via waste disposal contractor or contact supplier for advice.

Contaminated PPE: Wash and dispose of as non-hazardous waste. EWC code:- 15 02 03

## 14 Transport information

**14.1. UN number:** Not applicable

**14.2. UN proper shipping name:** Not applicable

**14.3. Transport hazard class(es) :** Not applicable

**14.4. Packing group:** Not applicable

**14.5. Environmental hazards:** Not applicable

**14.6. Special precautions for user:** Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

## 15 Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Classification & Labelling according to Regulation (EC) No 1272/2008  
Control of Substances Hazardous to Health Regulations 2002 (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment: Advice on product handling can be found in sections 7 and 8.

## 16 Other information

® PX is a registered mark of Killgerm Chemicals Ltd.

Use only in accordance with label instructions.

This data sheet does not constitute a COSHH assessment.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.

### Ingredient classification

Acute Tox. 4 (Dermal) Acute toxicity (dermal), Category 4

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4

Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1

Eye Dam. 1 Serious eye damage/eye irritation, Category 1

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Skin Corr. 1B Skin corrosion/irritation, Category 1B

Skin Irrit. 2 Skin corrosion/irritation, Category 2

H302 Harmful if swallowed

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

H400 Very toxic to aquatic life

R21/22 Harmful in contact with skin and if swallowed

R22 Harmful if swallowed

R34 Causes burns

R41 Risk of serious damage to eyes

R50 Very toxic to aquatic organisms

C Corrosive

N Dangerous for the environment

Xi Irritant

Xn Harmful